

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 201503US55XDIV		SERIAL NO. NEW U.S. APPLICATION	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Prem S. PAUL et al			
				FILING DATE HEREWITH		GROUP	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
R	AA	5,476,778	12/19/95	DANNY W. CHLADEK ET AL			
	AB						
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DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO			
R	AO	0 595 436 A2	05/04/94	EUROPE		
	AP	WO 92/21375	12/10/92	WIPO		
	AQ	WO 95/31550	11/23/95	WIPO		
	AR	WO 96/04010	02/15/96	WIPO		
	AS	WO 96/40932	12/19/96	WIPO		
	AT	2,076,744	08/24/92	CANADA		
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	AV					


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R	AW SAMIR MOUNIR ET AL, "EXPRESSION AND CHARACTERIZATION OF PRRSV ENVELOPE AND ns4 PROTEINS, "AMERICAN SOCIETY FOR VIROLOGY, ANNUL MEETING, JULY 9-12, 1994, MADISON, WI.
↓	AX HELMI MARDASSI ET AL, "IDENTIFICATION OF MAJOR DIFFERENCES IN THE NUCLEOCAPSID PROTEIN GENES OF A QUEBEC STRAIN AND EUROPEAN STRAINS OF PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS, " JOURNAL OF GENERAL VIROLOGY, VOL. 75, PP. 681-685 (1994)
↓	AY H.S. KIM ET AL, "ENHANCED REPLICATION OF PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME (PRRS) VIRUS IN A HOMOGENEOUS SUBPOPULATION OF MA-104 CELL LINE, " ARCH. VIROL., VOL. 133, PP. 477-483 (1993)
↓	AZ JANNEKE J.M. MEULENBERG ET AL., "LELYSTAD VIRUS, THE CAUSATIVE AGENT OF PORCINE EPIDEMIC ABORTION AND RESPIRATORY SYNDROME (PEARS), IS RELATED TO LDV AND EAV", Virology, Vol. 192, No. 1, pp. 62-72, 1993.

Examiner	Date Considered 9/7/02
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*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

 U.S. PTO
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 03/19/01


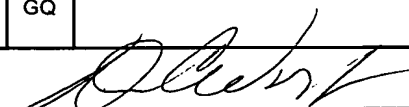
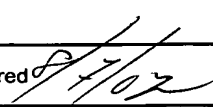
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FOREIGN PATENT DOCUMENTS							
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	BO	WO 93/07898	04/29/93	WIPO			
	BP	WO 92/21375	12/10/92	WIPO			
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	BW	KUCHLER, BIOCHEMICAL METHODS IN CELL CULTURE AND VIROLOGY, DOWDEN, HUTCHINSON & ROSS, INC. (STROUDSBURG, PA), P. 4-10 (1977)					
	BX	SWENSON ET AL., JAVMA, 204: 1943-1948 (1994)					
	BY	A.A.S.P., SEPTEMBER/OCTOBER (1991), pp. 7-11					
	BZ	THE VETERINARY RECORD, FEBRUARY 1, 1992, pp. 87-89					
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2	CC	THE VETERINARY RECORD, NOVEMBER 30, 1991. P. 495-496					
	CB	THE VETERINARY RECORD, OCTOBER 26, 1991, P. 370					
	CC	THE VETERINARY RECORD, OCTOBER 19, 1991, PP. 367-368					
	CD	THE VETERINARY RECORD, AUGUST 3, 1991, PP. 102-103					
	CE	THE VETERINARY RECORD, JULY 6, 1991					
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	CG	THE VETERINARY RECORD, JUNE 15, 1991, P. 574					
	CH	THE VETERINARY RECORD, JUNE 8, 1991, P. 536					
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	CK	WENSVOORT ET AL, VET. QUARTERLY, 13:121-130 (1991)					
	CL	WENSVOORT ET AL, VET. RES., 24:117-124 (1993)					
	CM	PAUL ET AL, J. CLIN. VET. MED., 11:19-28 (1993)					
	CN	BENFIELD ET AL, J. VET. DIAGN. INVEST., 4:127-133 (1992)					
	CO	JOO, PRRS: DIAGNOSIS. PROC., ALLEN D. LEMAN SWINE CONF., 20:53-55 (1993)					
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	CQ	BAUTISTA ET AL, J. VET. DIAGN. INVEST., 5:163-165 (1993)					
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<input checked="" type="checkbox"/>	DA	CONZELMANN ET AL, VIROLOGY, 193:329-339 (1993)					
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<input type="checkbox"/>	DH	MURTAUGH, PROC. ALLEN D. LEMAN CONFERENCE, PP. 43-45 (1993)					
<input type="checkbox"/>	DI	MARDASSI ET AL, ABSTRACT. CONF. RES. WORKERS IN ANIMAL DIS., CHICAGO, ILLINOIS, P. 43 (1993)					
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Examiner <i>[Signature]</i>				Date Considered <i>9/7/02</i>			
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	EA	LOULA, AGRI-PRACTICE., 12:23-34 (1991)					
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	EI	LAI, ANNU. REV. MICROBIOL., 44:303-333 (1990)					
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	EL	NELSON ET AL, J. CLIN. MICROBIOL., 31:3184-3189 (1993)					
	EM	DALZIEL ET AL, J. VIROL., 59:463-471 (1986)					
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Examiner						Date Considered 8/7/02	
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<input type="checkbox"/>	FP	DEN BOON ET AL, J. VIROL., 65:2910-2920 (1990)					
<input checked="" type="checkbox"/>	FQ	KEFFABER, AM. ASSOC. SWINE PRACTITIONER NEWSLETTER, 1:1-9 (1989)					
Examiner <i>D. Schubert</i>				Date Considered <i>2/7/02</i>			
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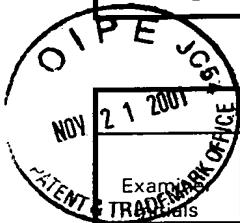
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	GD	COMPILED BY SHERWOOD ET AL. "INTERNATIONAL REPORTS ON PRRS STATUS AND CONTROL: 1992". PDIC. PAGES 1-58					
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APPLICATION No.
09/810,501

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICANT
Prem S. PAUL et al.
FILING DATE
March 19, 2001

GROUP 1645


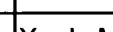
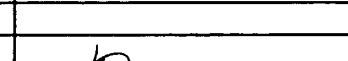
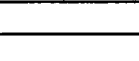
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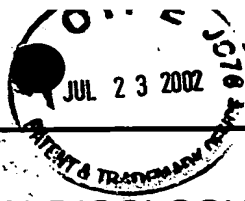
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Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
	96 06619 ✓		WO	03/07/1996		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	X.-J. Meng et al., <i>Arch Virol.</i> (1995) 140:745-55, Springer-Verlag, Austria		
	X.-J. Meng et al., <i>J. Gen. Virol.</i> (1995) 76:3181-88, Society of General Microbiology, Great Britain		
Examiner Signature		Date Considered	



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANTATTORNEY'S DKT NO.
033303-012APPLICATION NO.
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Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
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Q	5,213,795		Carlson et al.	05/25/1993
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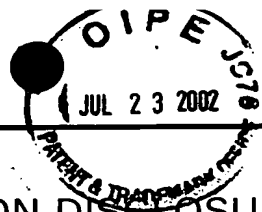
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Q	2,282,811		Great Britain	04/19/1995		
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	WO 94/18311		PCT	08/18/1994		

NON PATENT LITERATURE DOCUMENTS

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Q	Abstract Nos. 218-222, page 43, Abstracts of Conf. of Research Workers in Animal Diseases, Chicago, IL (1993)		
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	"Cyanamid Reports on Isolation of Porcine Reproductive and Respiratory Syndrome (PRRS) Virus", Animal Pharm., Vol. 238, p. 20, publ. date: October 25, 1991, Theta Reports, New York, NY		
↓	"Pig Disease Mystery Solved by FRG Scientists", Animal Pharm., Vol. 240, p. 7, publ. date: November 22, 1991, Theta Reports, New York, NY		
Examiner Signature		Date Considered	8/7/02

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A	"Bayer Prepare Cuts Mortality in PRRS Herds", Animal Pharm., Vol. 240, p. 22, publ. date: November 22, 1991, Theta Reports, New York, NY
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANTATTORNEY'S DKT NO.
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Q	DE VRIES et al., "Structural Proteins of Equine Arteritis Virus", J. Virol., 1992, pp. 6294-6303, Vol. 66, ASM Press, Washington, DC
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<input checked="" type="checkbox"/>	PATON et al., "Isolation of a Lelystad Virus-like Agent From British Pigs and Scanning Electron Microscopy of Infected Macrophages," Vet. Microbiol., 1992, pp. 195-201, Vol. 33, Elsevier Science Publishers B.V., Amsterdam		
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<input type="checkbox"/>	PLOTKIN et al., "New Technologies for Making Vaccines", Vaccines, 1988, published by W.B. Saunders Co. (Phil.), see page 571		
<input type="checkbox"/>	SIRINARUMITR et al., "A pneumo-virulent United States isolate of porcine reproductive and respiratory syndrome virus induces apoptosis in bystander cells both <i>in vitro</i> and <i>in vivo</i> ", Journal of General Virology, 1998, pp. 2989-2995, Vol. 79, Society of General Microbiology, Great Britain		
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<input type="checkbox"/>	TIZARD, An Introduction to Vet Immunology, published in 1982 by W.B. Saunders Co. (Phil), see pages 41-43		
<input type="checkbox"/>	VAUGHN et al., "Three New Isolates of Porcine Respiratory Coronavirus With Various Pathogenicities and Spike (S) Gene Deletions," Journal of Clinical Microbiology, July 1994, pp. 1809-1812, Vol. 32, No. 7, ASM Press, Washington, DC		
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